# Sandesh Patil

SOFTWARE ENGINEER

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## SUMMARY

Highly motivated software engineer and software developer with experience in developing and implementing software solutions. Proven expertise in developing, testing and debugging high performing software solutions with a keen eye for detail. Skilled in object-oriented programming, web development and database technologies. Excellent problem-solving and communication skills and demonstrates a passion for learning and implementing new technologies.

## WORK EXPERIENCE

**INTERN Infosys Springboard**
*Latur, India*
Nov 2024 - Present

### JAVA FULL STACK DEVELOPER

Developing a Java-based application to assist users in finding and managing parking spaces efficiently. The project involves implementing algorithms to identify available parking slots, user-friendly interfaces for navigation, and real-time parking data management. Collaborating with a team to ensure robust design, coding, and testing processes while adhering to project timelines and quality standards. The system will also integrate location-based features to guide users to the nearest available parking, and provide dynamic updates as parking space availability changes. The project aims to improve user experience by offering a seamless, efficient solution for parking management in busy urban areas.

## EDUCATION

**M S Bidve Engineering College**
*Latur, India*
Dec 2021 - Present

### B.Tech in Information Technology

Currently pursuing a Bachelor's degree in Information Technology, gaining a strong foundation in core engineering principles. Developing problem-solving, analytical, and technical skills through coursework, projects, and practical labs, preparing for real-world challenges in the field of technology.

**Maharashtra secondary & Higher secondary vidyalaya**
*Killari, India*
Mar 2020 - Mar 2021

### Higher secondary (HSC) in Science

Achieved a comprehensive understanding of core scientific disciplines including Physics, Chemistry, Biology/Mathematics, and Environmental Science. Developed critical thinking and analytical skills through practical experiments and theoretical coursework.

**Maharashtra secondary & Higher secondary vidyalaya**
*Killari, India*
Mar 2018 - Mar 2019

### 10th Standard in Secondary Education

Achieved a solid foundation in core academic disciplines, including Mathematics, Science (Physics, Chemistry, and Biology), Social Studies, and Languages. Developed analytical and problem-solving skills through practical experiments, and theoretical studies, fostering a holistic understanding of fundamental concepts.

## SKILLS

- **Programming Languages :** Java, C, C++, JavaScript
- **Database Management :** SQL, MySQL, Firebase, Database Normalization, DBMS
- **Technical Skills :** Software debugging, Version Control (Git), API Integration, Data Structures & Algorithms, Computer Science, Technical Discussions, Programming

- **Web Development :** HTML expertise, CSS, JavaScript, React, Tailwind CSS
- **Soft Skills :** Multitasking, Problem-solving abilities, Team Collaboration, Adaptability, Time Management, Communication Skills, Fast Learner, sincere and hard working

# PROJECTS

**Portfolio Generator**
*Remote, India*
Nov 2024 - Dec 2024

**Developer**
- Developed a React.js web app that generates personalized portfolios based on user input.
- Integrated Firebase to store user data, assign unique IDs, and provide shareable portfolio URLs.

**Snake Game**
*Latur, India*
Feb 2024 - Mar 2024

**Developer**
- Developed an interactive Snake Game using HTML, CSS, and JavaScript, playable on laptops and desktops.
- The game features smooth controls and a score tracking system that stores the highest score achieved by the user.
- Designed to provide an engaging and responsive gaming experience.

**Digital Document Locker**
*Latur, India*
Sep 2023 - Oct 2023

**Developer**
- Developed a secure ASP.NET application with SQL Server and Java for backend integration.
- The application enables user registration, storage of secure and unsecured PDF files, and profile password protection for viewing, downloading, and deleting secured files.
- Includes robust functionality to manage documents efficiently and securely.

**Car Rental Website**
*Latur, India*
May 2023 - Jun 2023

**Developer**
- Created a responsive car rental website using HTML, CSS, and PHP.
- The platform allows users to fill out forms for car bookings, with submitted details stored securely in the backend.
- Designed to streamline the booking process and provide a user-friendly interface.

# CERTIFICATIONS

**by Infosys Springboard**
*2024-08-24*

**Java foundation certification**

**by Infosys Springboard**
*2024-08-24*

**Programming using Java**

**by Infosys Springboard**
*2024-08-24*

**Data Structures and Algorithm using Java**

**by Infosys Springboard**
*2024-08-24*

**Software Engineering and Agile software development**

**by Coffeee**
*2022-12-22*

**Data Structures and Problem Solving Bootcamp**

# AWARDS

**by Forage - JPMorgan Chase & co**
*2024-07-11*

**Software Engineering Job Simulation**

Completed a job simulation program with hands-on experience in software engineering, including interfacing with stock price data, creating data visualizations for traders, and contributing to open-source projects using JPMorgan Chase frameworks. Demonstrated problem-solving skills and proficiency with industry tools.

**by Forage - Walmart**
*2024-05-28*

**Advanced Software Engineering Job Simulation**
- Successfully completed a job simulation program that provided in-depth hands-on experience in advanced software engineering concepts.
- Accomplishments included implementing advanced data structures, designing software architecture frameworks, creating relational database models, and performing data munging for efficient data processing.
- This program demonstrated proficiency in advanced engineering tasks, problem-solving, and working with industry-relevant tools and technologies.